WHAT IS CLAIMED IS:

1. A method comprising:

performing an analysis or synthesis operation on a graphical model representation;

producing a report from the analysis or synthesis operation; and

generating associations representing elements of the graphical model representation with corresponding elements in the report.

2. The method of claim 1 in which the report is a document structured with portions corresponding to different elements of the graphical model representation.

3. The method of claim 2 in which the document is a structural coverage report.

4. The method of claim 2 in which the document is a code generation report incorporating syntax highlighted code.

5. The method of claim 2 in which the document is a profiling report that documents relative execution times of each of the elements.

6. The method of claim 1 further comprising loading an element in the report in response to activating a graphical object on the graphical model representation.

7. The method of claim 6 in which activating is a computer mouse action.

8. The method of claim 1 in which the associations are markup language tags.

9. The method of claim 8 in which the markup language tags are hypertext markup language (HTML) tags.

10. The method of claim 1 in which the report is a model coverage report.

11. The method of claim 1 in which the report is a generated code report.

12. A system comprising:

2   means for performing an analysis or synthesis operation on a graphical model

3 representation;

4   means for producing a report from the analysis or synthesis operation; and

5   means for generating associations representing elements of the graphical

6 model representation with corresponding elements in the report.

1   13. The system of claim 12 further comprising means for loading an element in the

2 report in response to activating one of the graphical model elements.

1   14. The system of claim 12 in which the report is a document structured with portions

2 corresponding to different elements of the graphical model representation.

1   15. The system of claim 14 in which the document is a structural coverage report.

1   16. The system of claim 14 in which the document is a code generation report

2 incorporating syntax highlighted code.

1   17. The system of claim 14 in which the document is a profiling report that

2 documents relative execution times of each of the elements.

1   18. The system of claim 12 in which the associations are markup language tags.

1   19. The system of claim 18 in which the markup language tags are hypertext markup

2 language (HTML) tags.

1   20. The system of claim 18 in which the markup language tags are portable document

2 format (PDF) embedded links.

1   21. The system of claim 12 in which the report is a model coverage report.

1   22. The system of claim 12 in which the report is a generated code report.

1   23. A computer program product residing on a computer readable medium having

2 instructions stored thereon which, when executed a processor, cause the processor to:

3   perform an analysis or synthesis operation on a graphical model

4 representation;

5   produce a report from the analysis or synthesis operation; and

6   generate associations representing elements of the graphical model

7 representation with corresponding elements in the report.

1   24. The product of claim 23 further having instructions to cause the processor to:

2   load an element in the report in response to activating a graphical object in the

3 graphical model representation.